

FIG.1

101

(FONT DATA)

105

MOUSE/TABLET

KEY BOARD

(FONT DATA)

102

103

CRT

104

HOST COMPUTER

2

PRINTER

210

113

ORIGINAL

SCANNER

MO

MO

I/F

I/F

I/F

2

104

103

102

101

2

104

103

102

2

104

103

102

2

104

103

102

2

104

103

102

2

104

103

102

2

104

103

102

2

104

103

102

2

104

103

102

2

104

103

102

2

104

103

102

2

104

103

102

2

104

103

102

2

104

103

102

2

104

103

102

2

104

103

102

2

104

103

102

2

104

103

102

2

104

103

102

2

104

103

102

2

104

103

102

2

104

103

102

2

104

103

102

2

104

103

102

2

104

103

102

2

104

103

102

2

104

103

102

2

104

103

102

2

104

103

102

2

104

103

102

2

104

103

102

2

104

103

102

2

104

103

102

2

104

103

102

2

104

103

102

2

104

103

102

2

104

103

102

2

104

103

102

2

104

103

102

2

104

103

102

2

104

103

102

2

104

103

102

2

104

103

102

2

104

103

102

2

104

103

102

2

104

103

102

2

104

103

102

2

104

103

102

2

104

103

102

2

104

103

102

2

104

103

102

2

104

103

102

2

104

103

102

2

104

103

102

2

104

103

102

2

104

103

102

2

104

103

102

2

104

103

102

2

104

103

102

2

104

103

102

2

104

103

102

2

104

103

102

2

104

103

102

2

104

103

102

2

104

103

102

2

104

103

102

2

104

APPROVED	O.G. FIG.
BY	CLASS
DRAFTSMAN	SUBCLASS

2/21

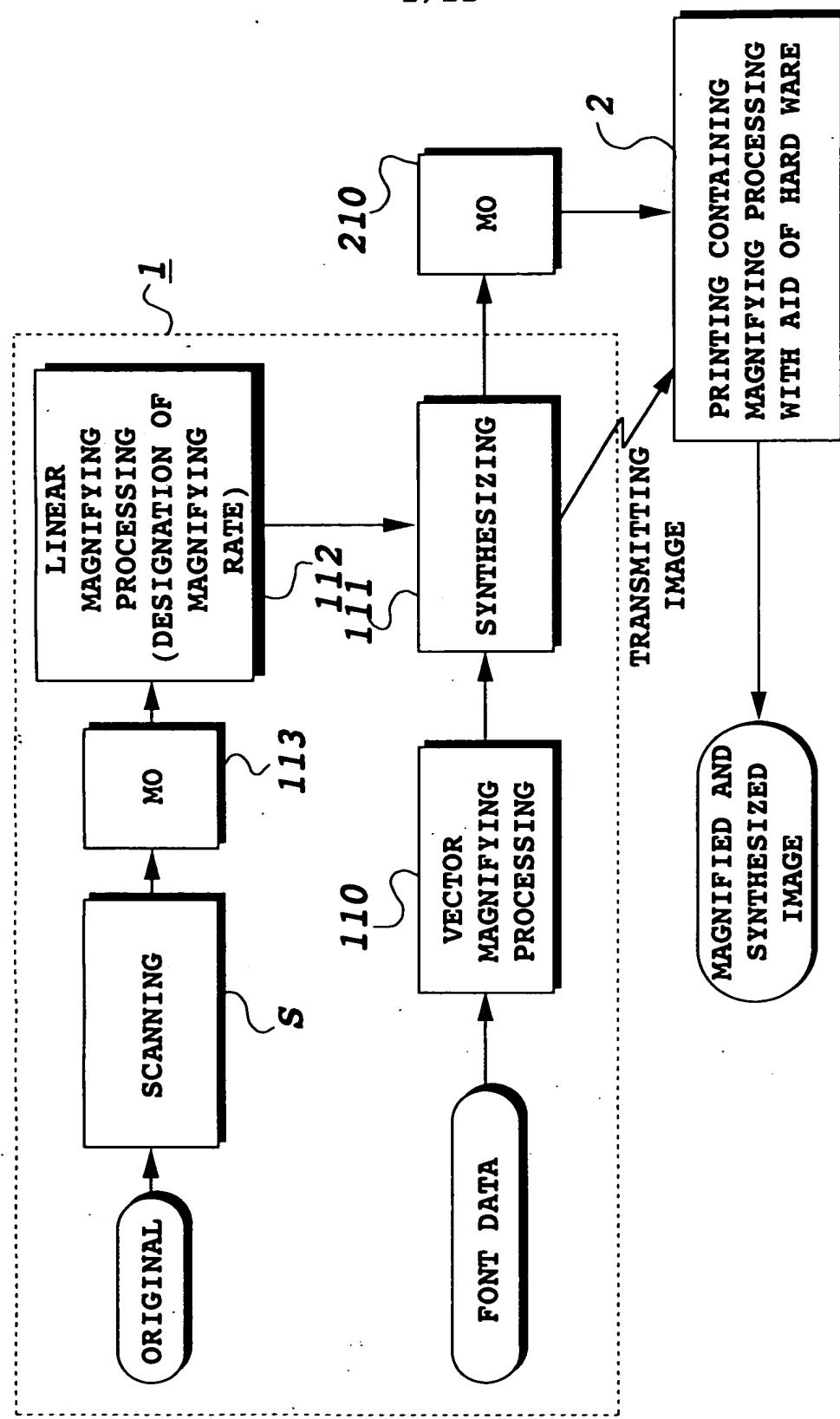


FIG. 2

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

3/21

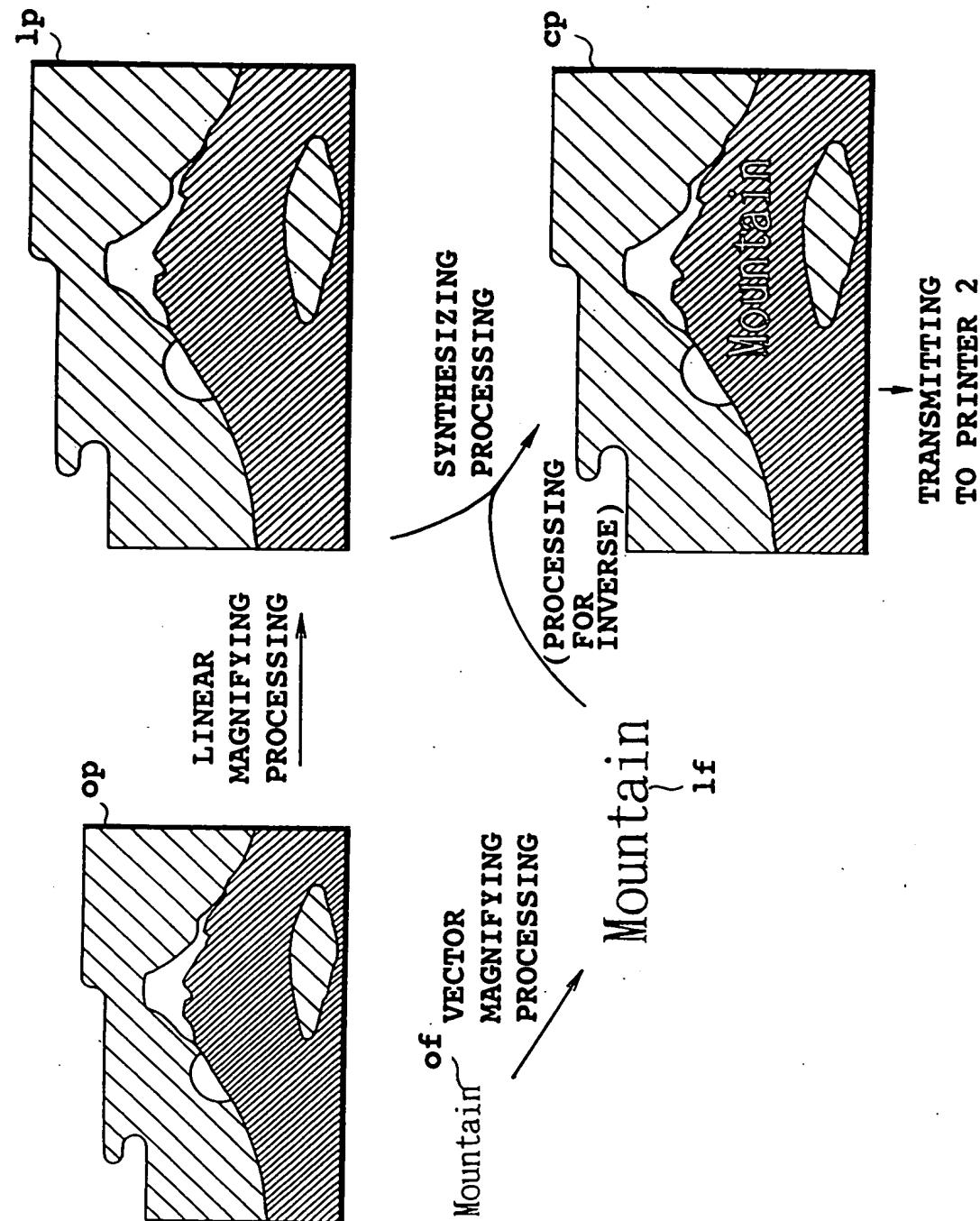


FIG. 3

APPROVED BY DRAFTSMAN	O.G. FIG. CLASS	SUBCLASS
-----------------------------	--------------------	----------

4/21

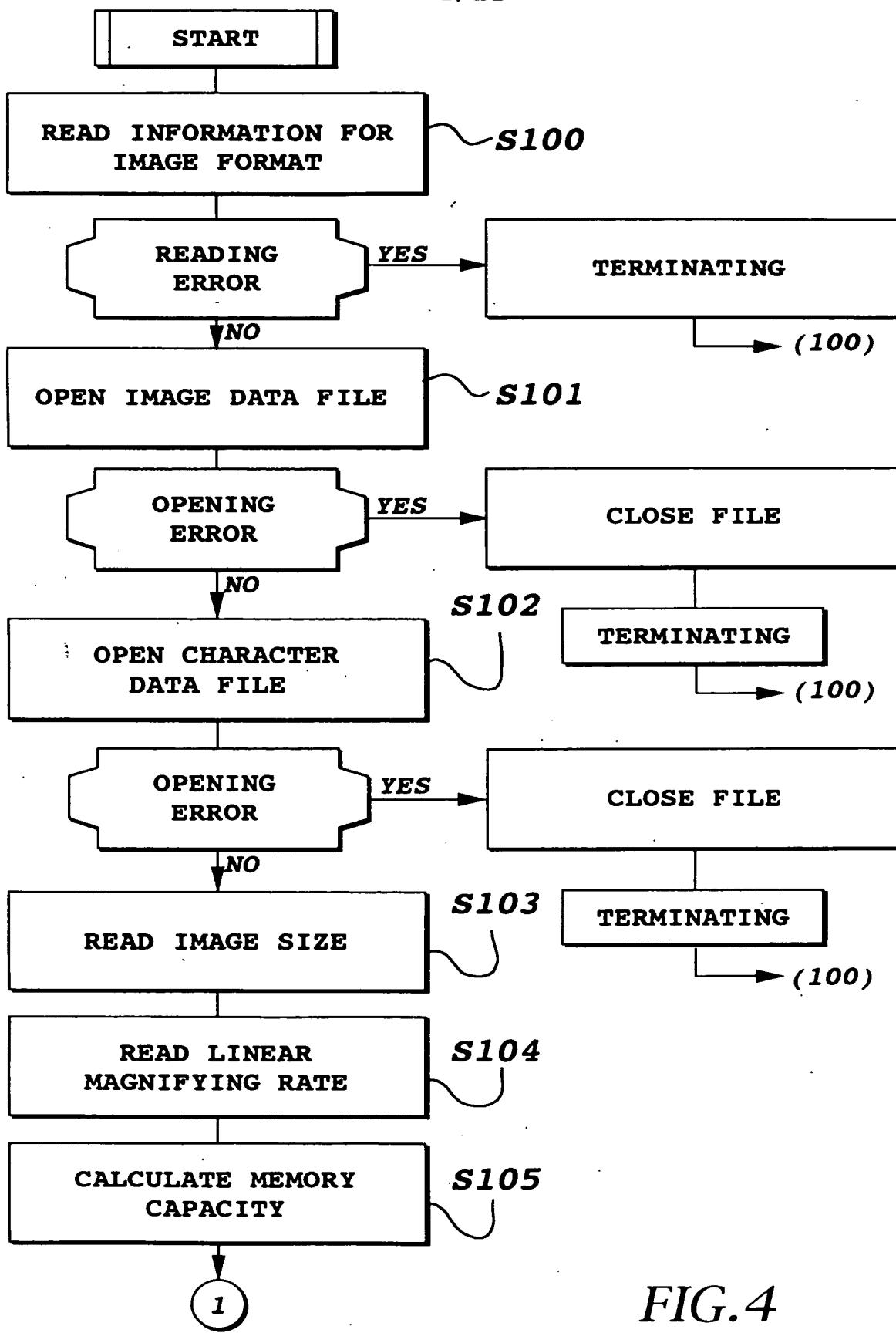


FIG.4

5/21

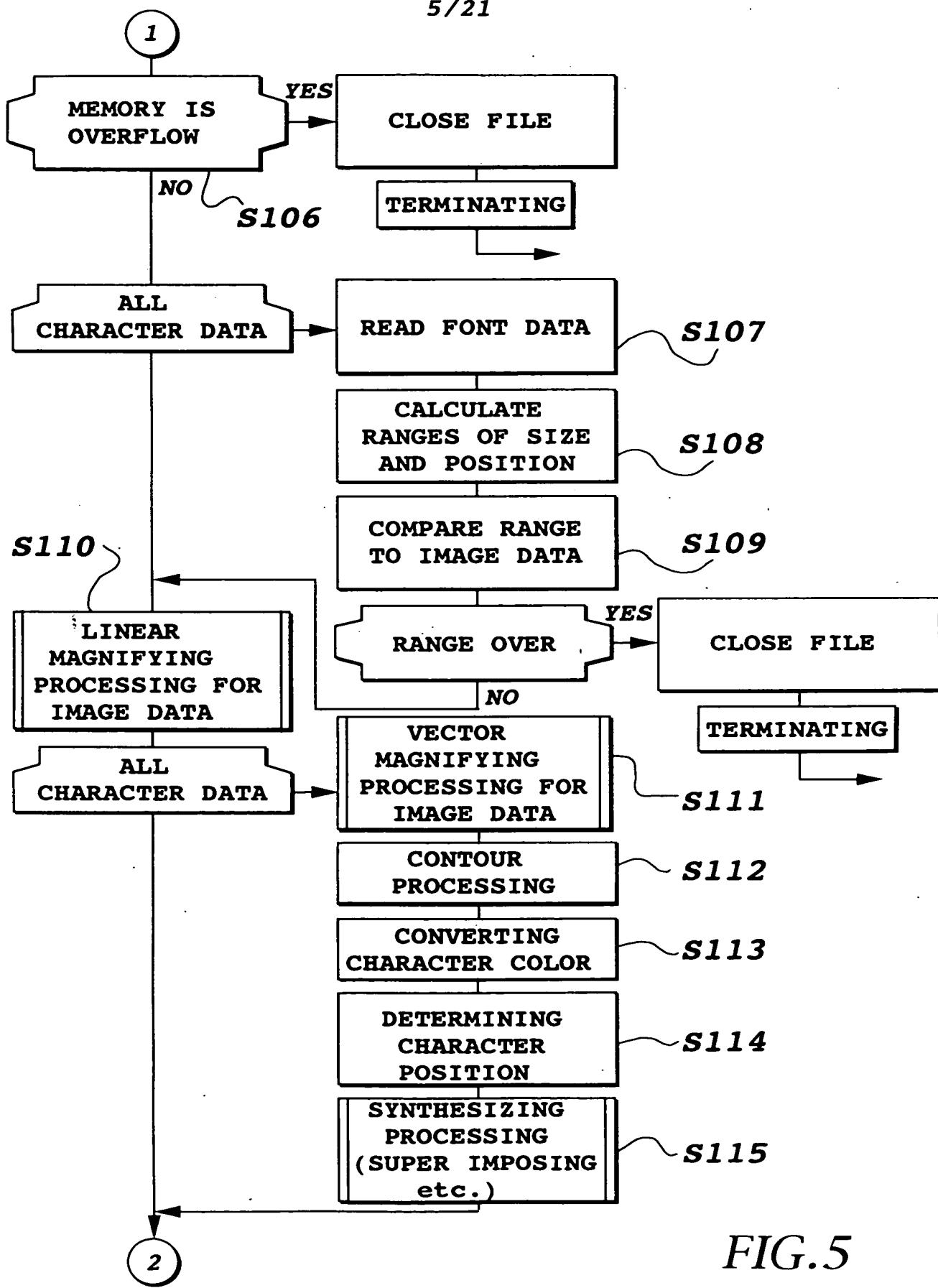


FIG.5

6/21

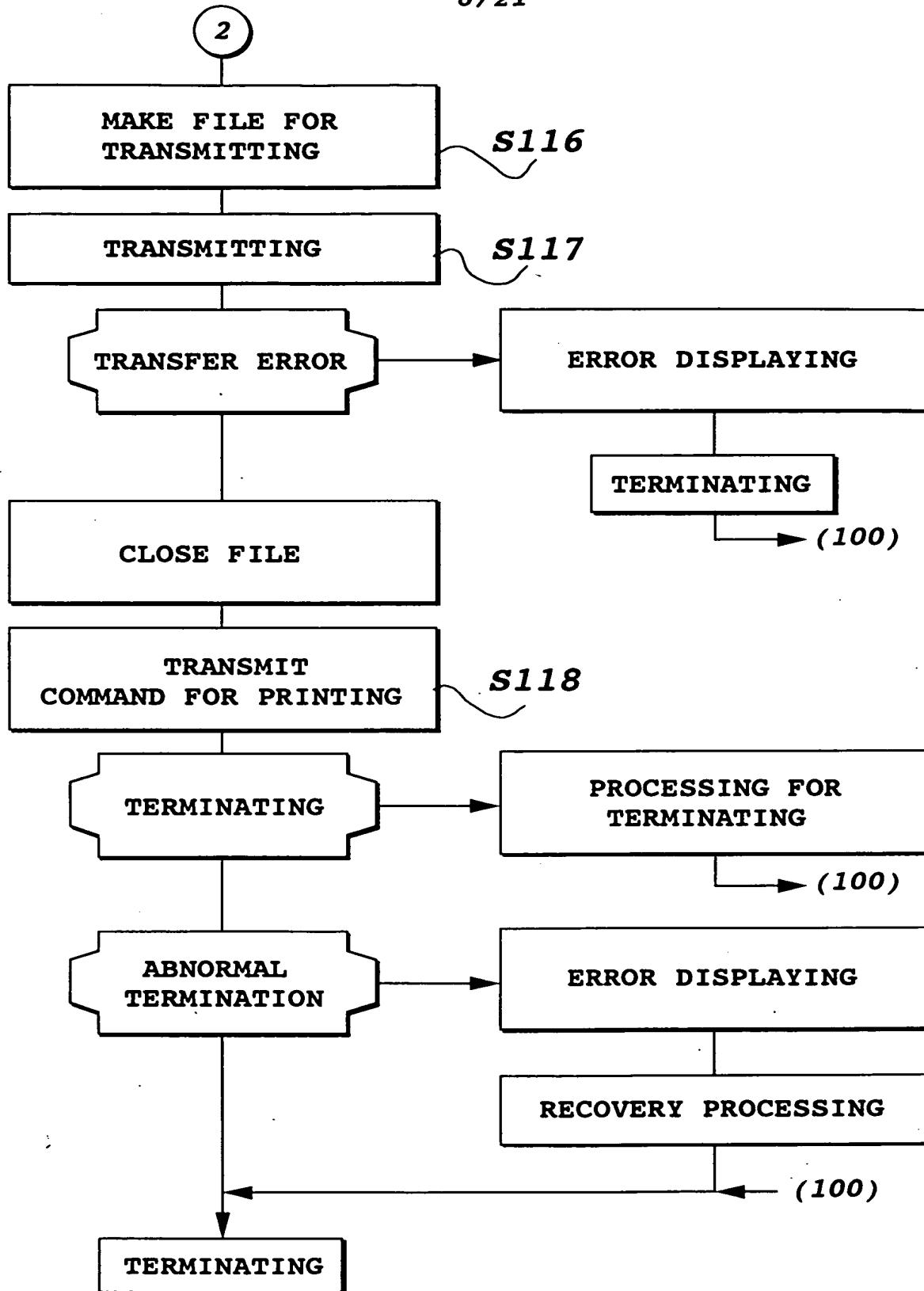


FIG.6

APPROVED BY DRAFTSMAN	O.G. FIG. CLASS	SUBCLASS
-----------------------------	--------------------	----------

7/21

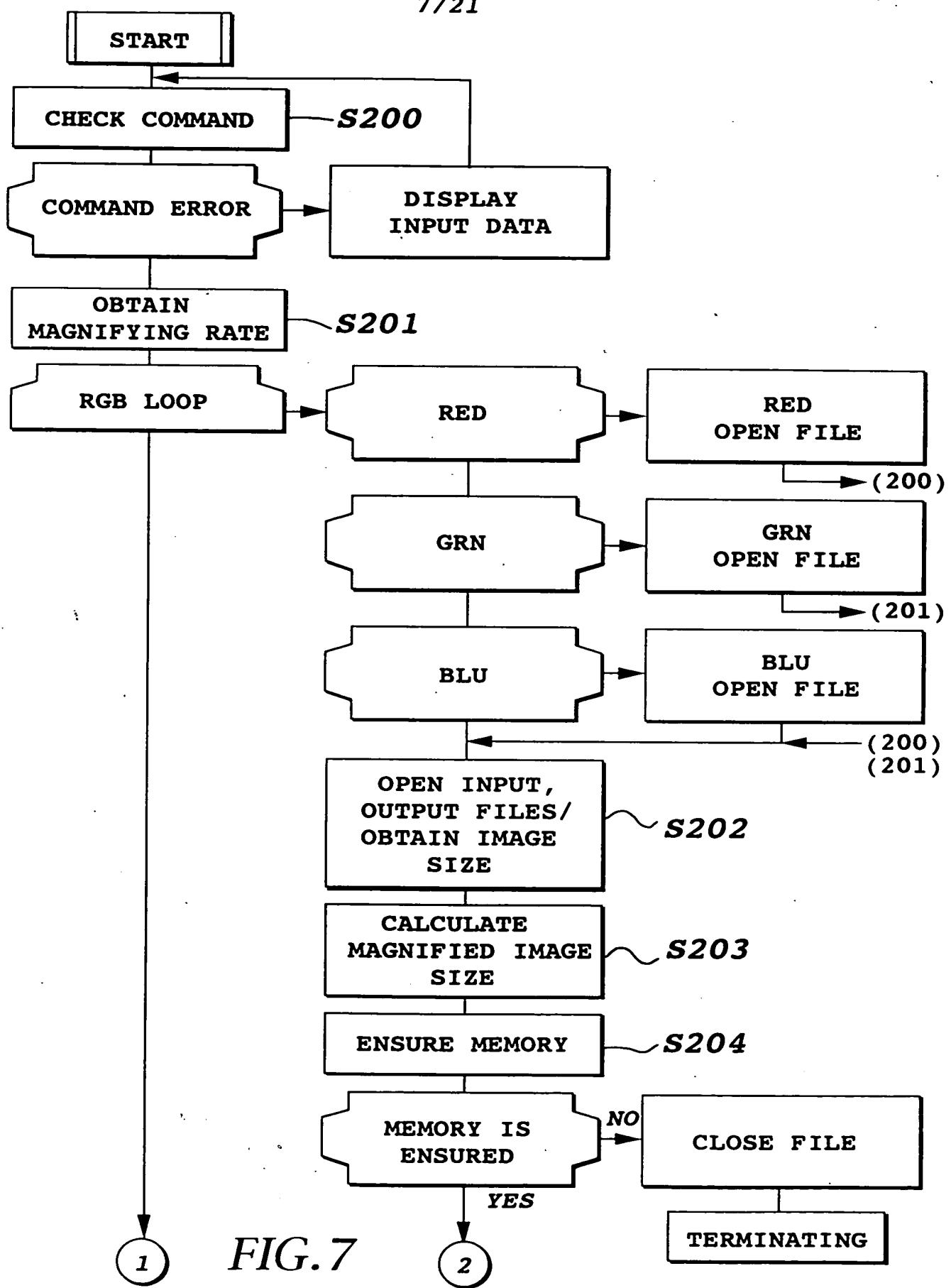


FIG. 7

8/21

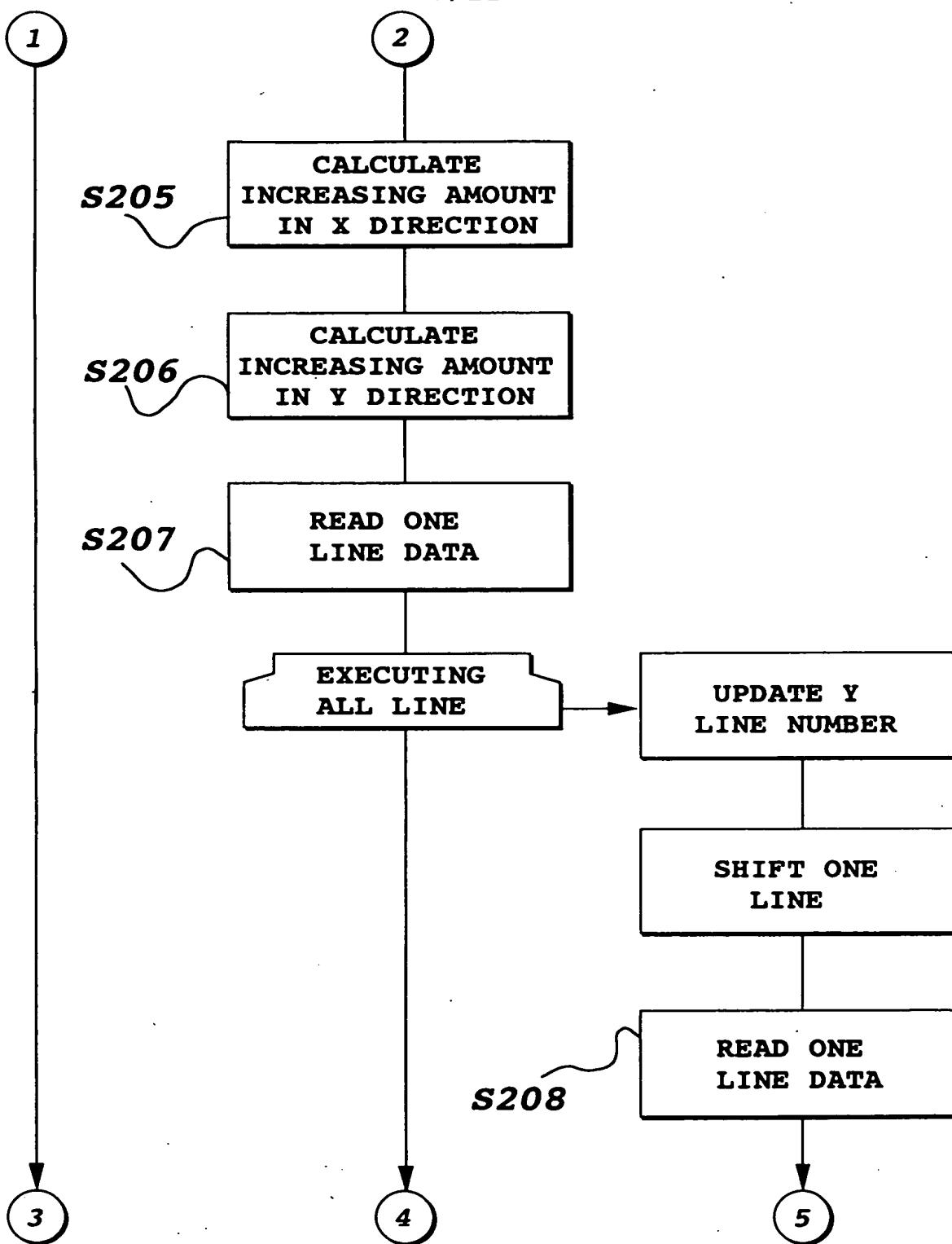


FIG. 8

APPROVED BY DRAFTSMAN	O.G. FIG. CLASS / SUBCLASS
-----------------------------	-------------------------------

9/21

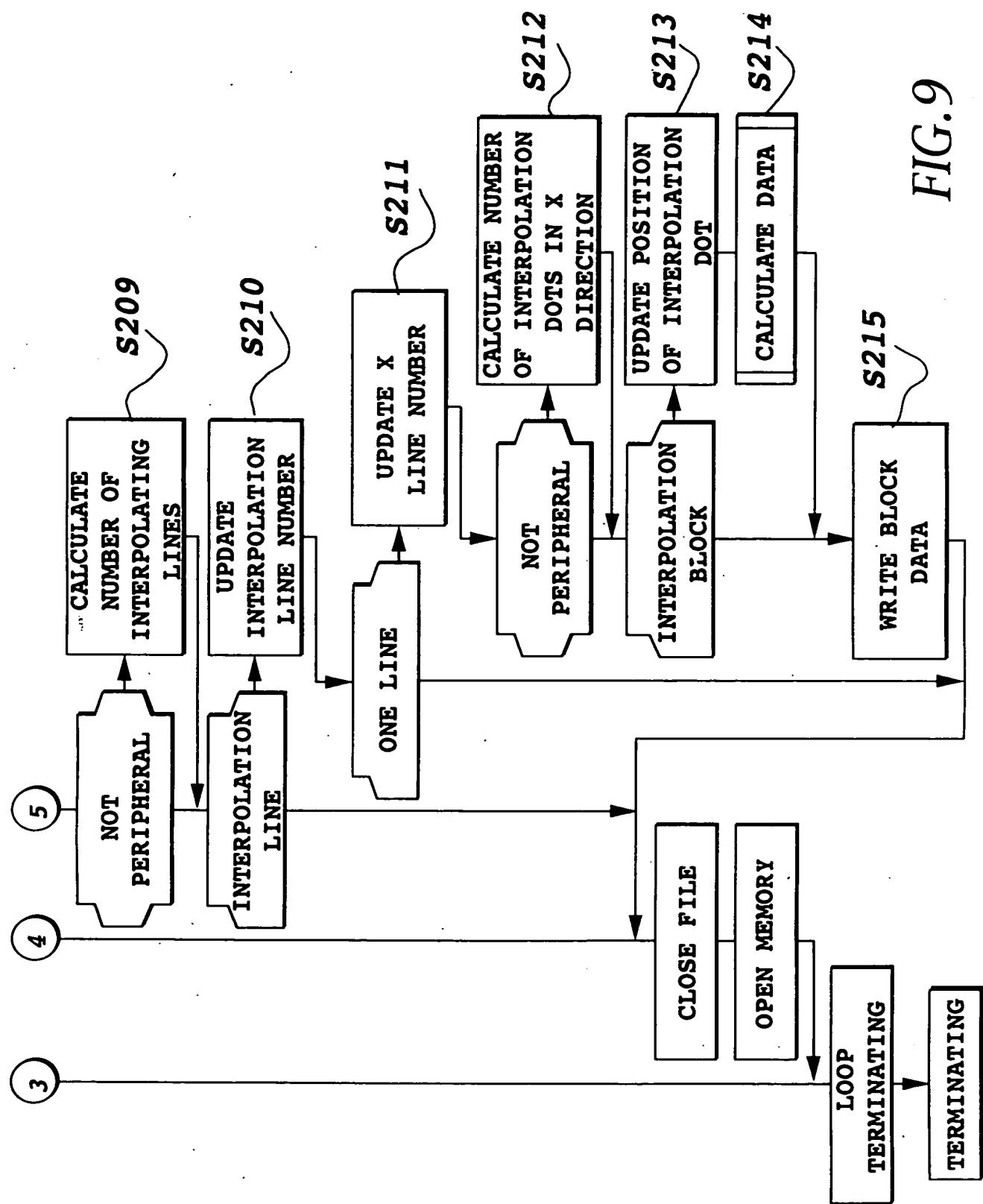


FIG. 9

APPROVED BY	O.G. FIG.	
DRAFTSMAN	CLASS	SUBCLASS

10/21

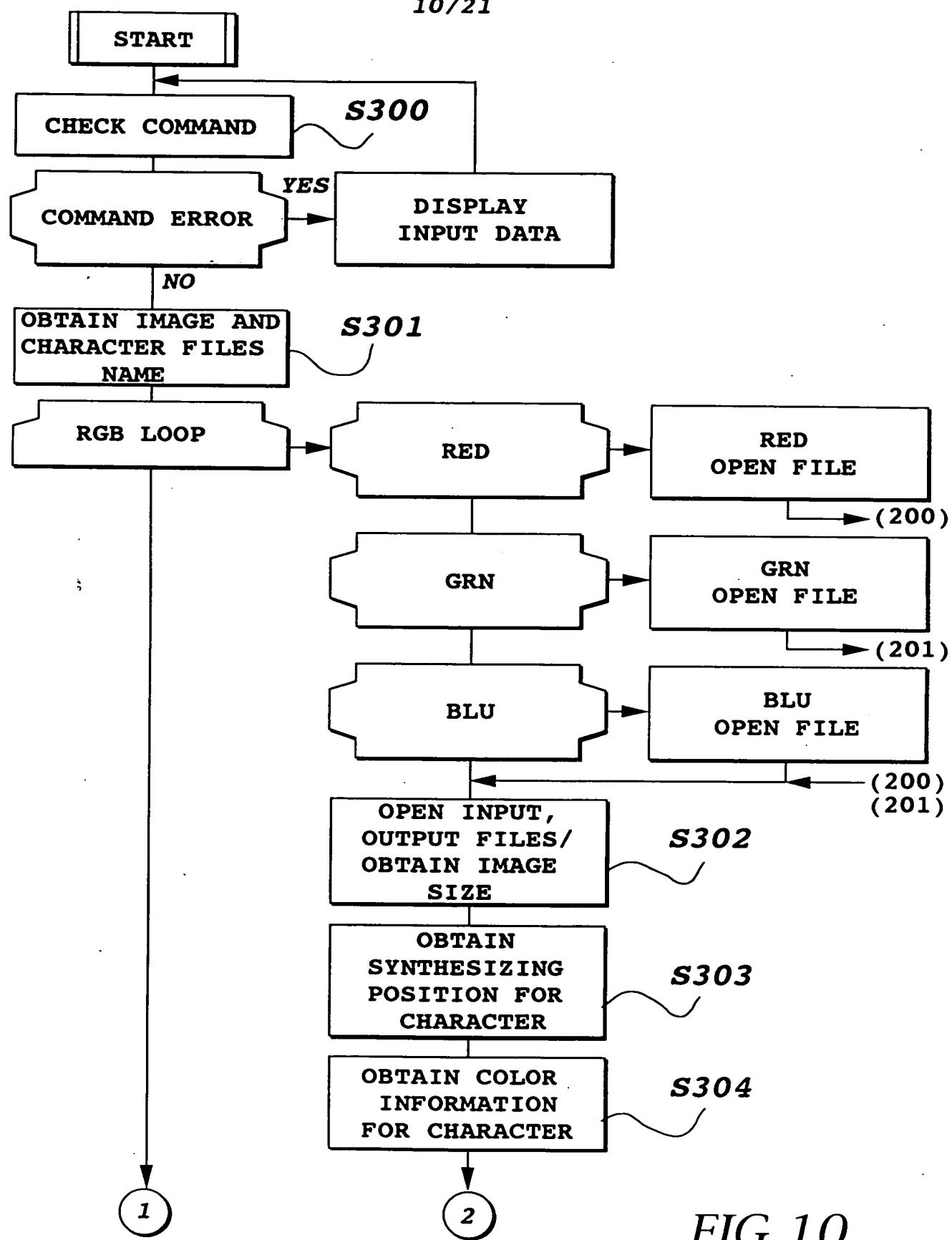
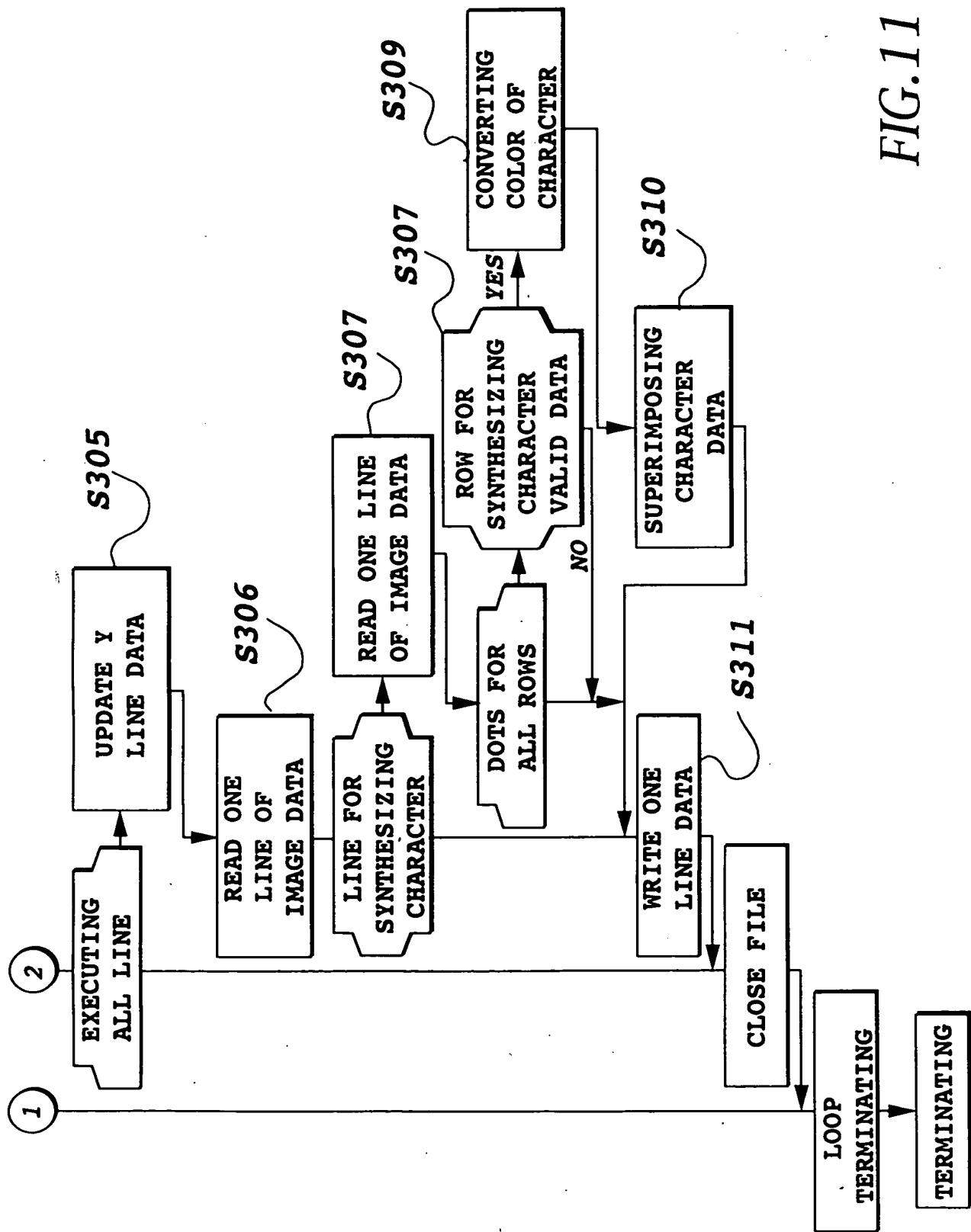


FIG.10

APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

11/21



APPROVED BY DRAFTSMAN	O.G. FIG. CLASS	SUBCLASS
-----------------------------	--------------------	----------

12/21

FIG.12

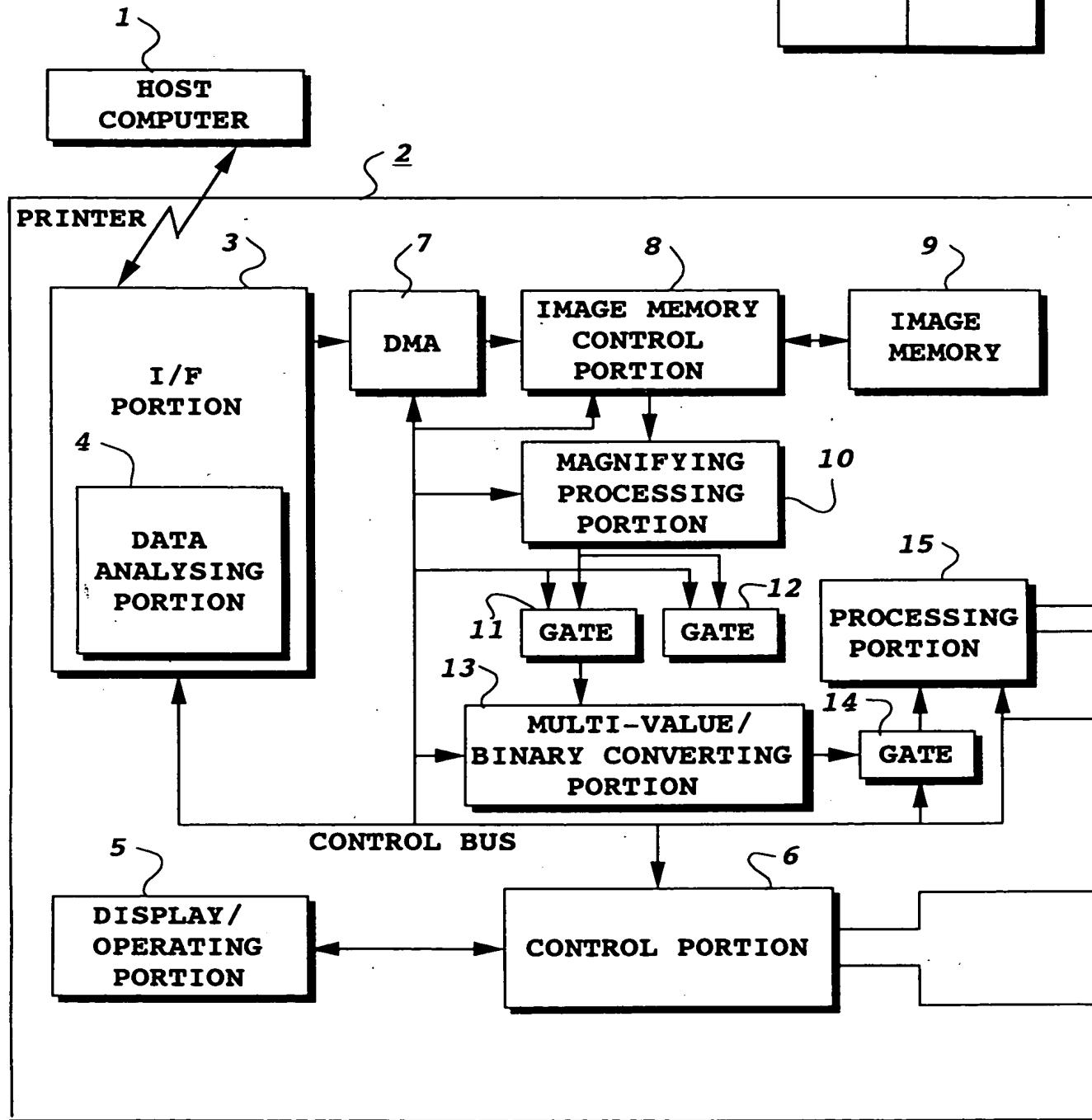
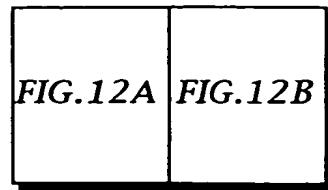


FIG.12A

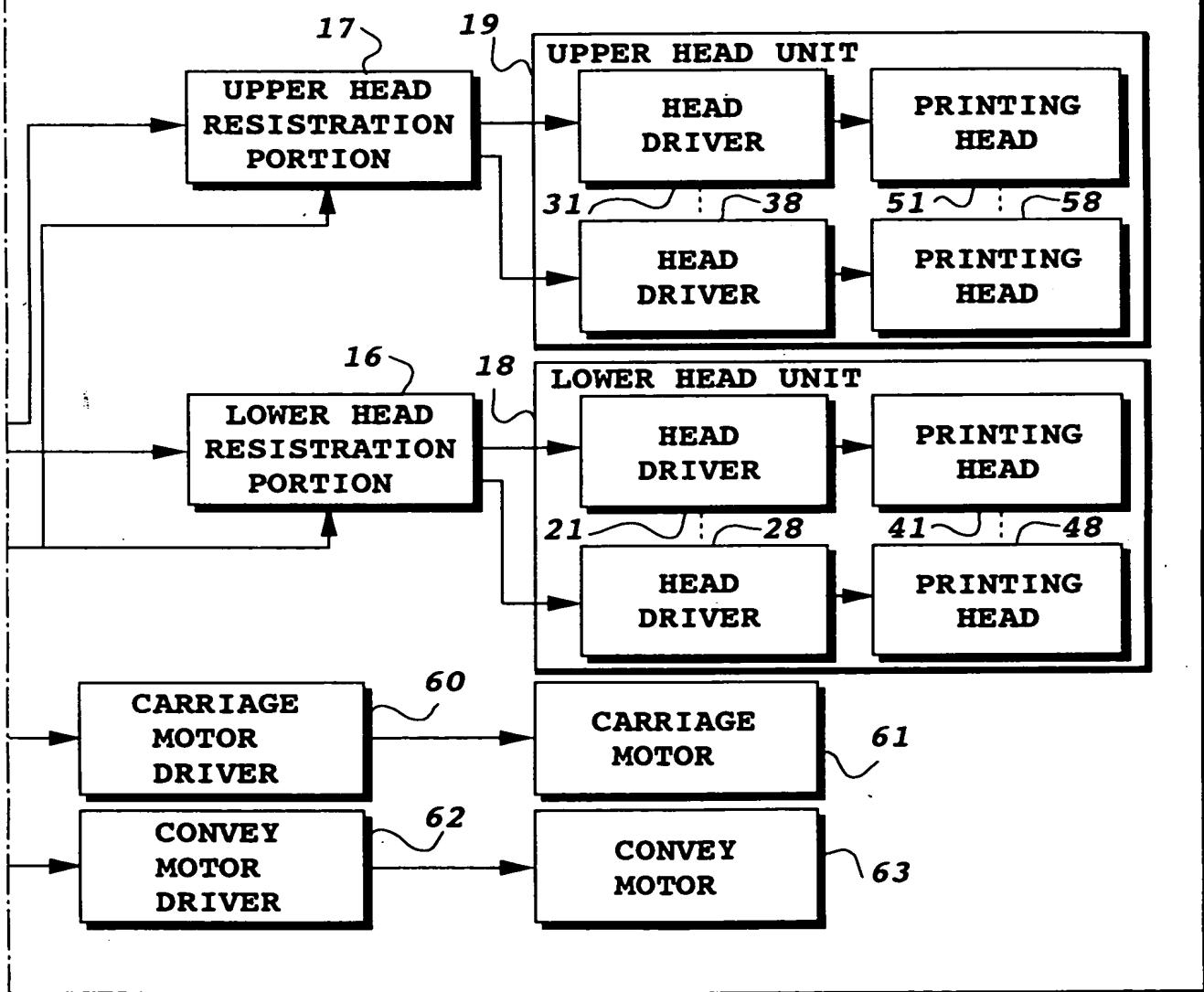


FIG. 12B

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

14/21

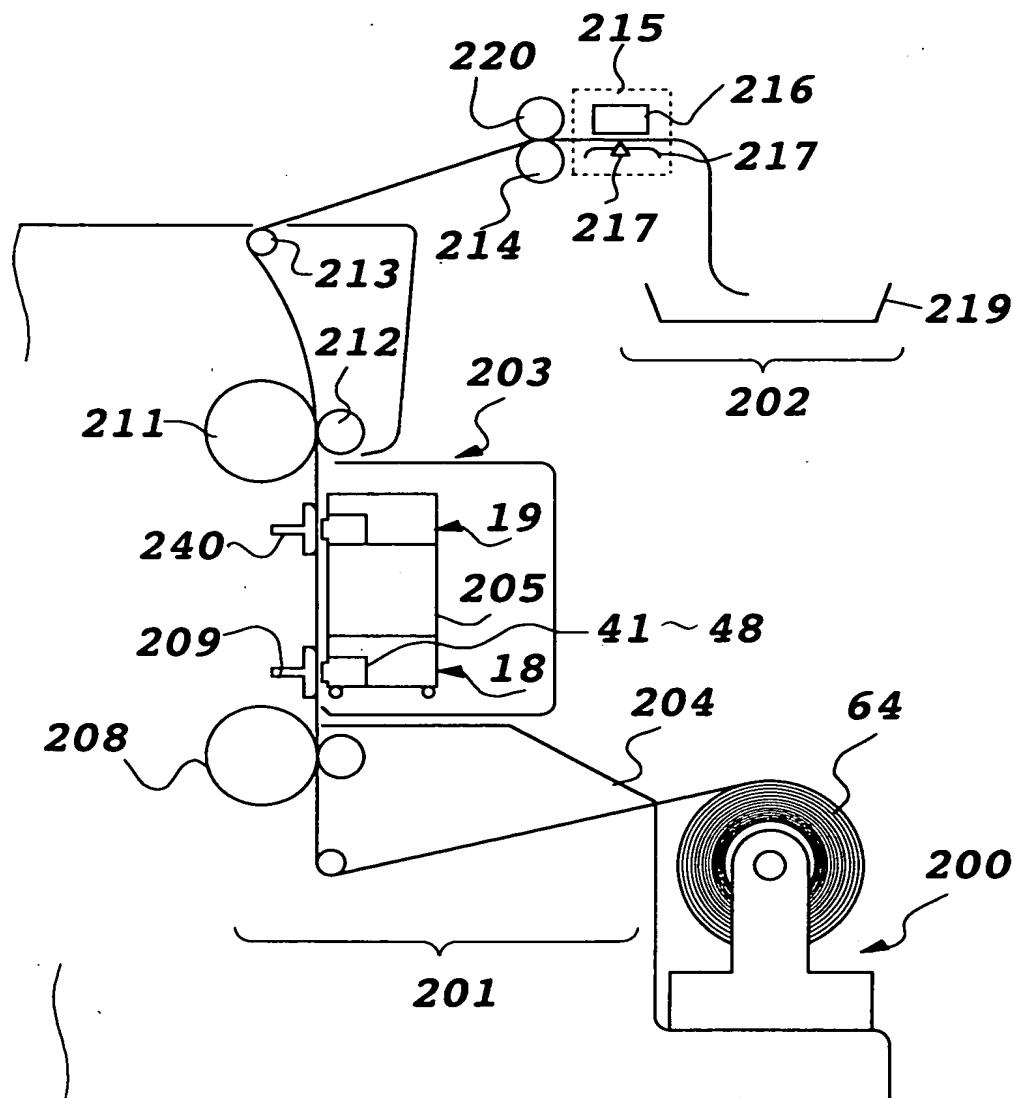


FIG. 13

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

15/21

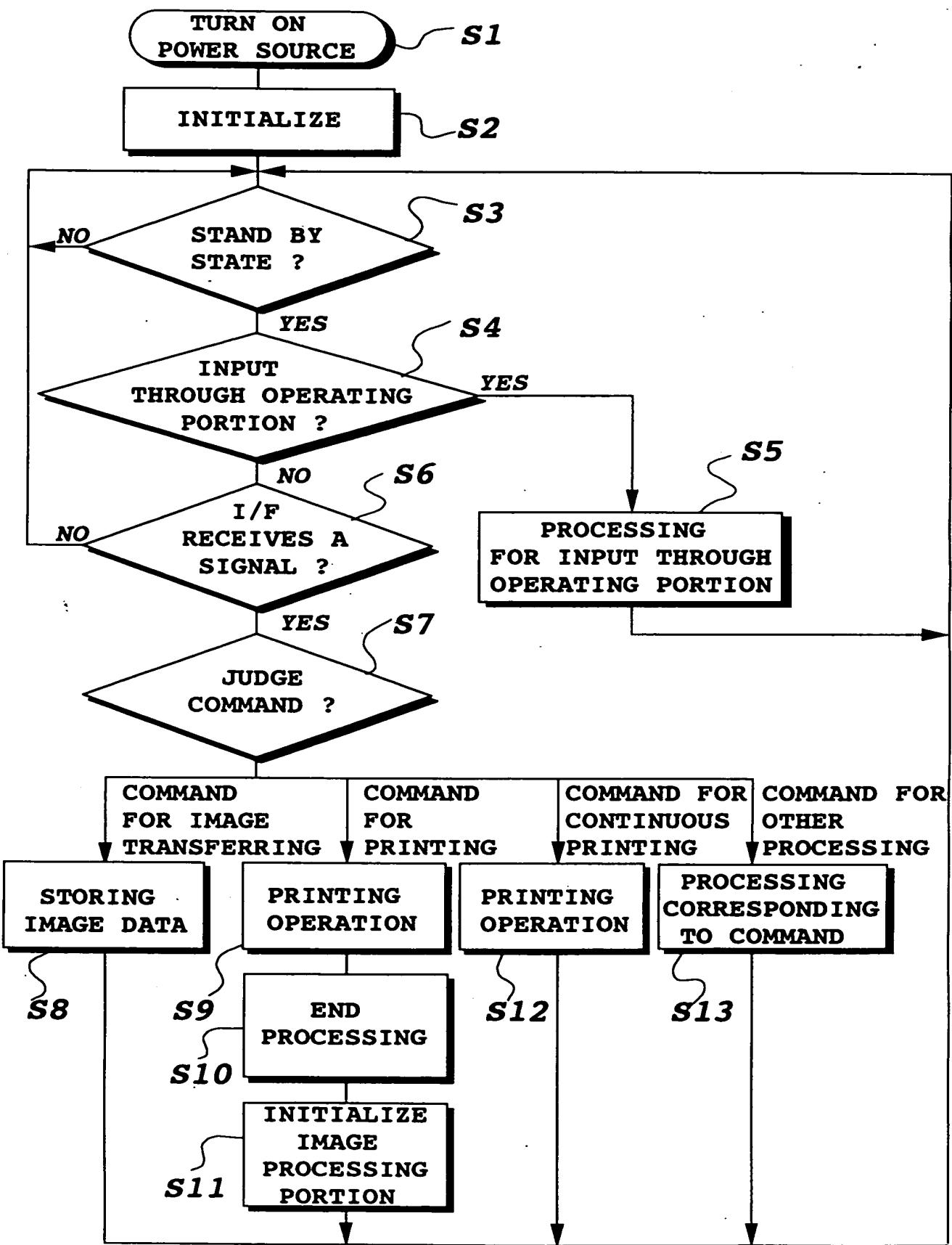


FIG. 14

APPROVED BY DRAFTSMAN	O.G. FIG. CLASS	SUBCLASS
-----------------------------	--------------------	----------

16/21

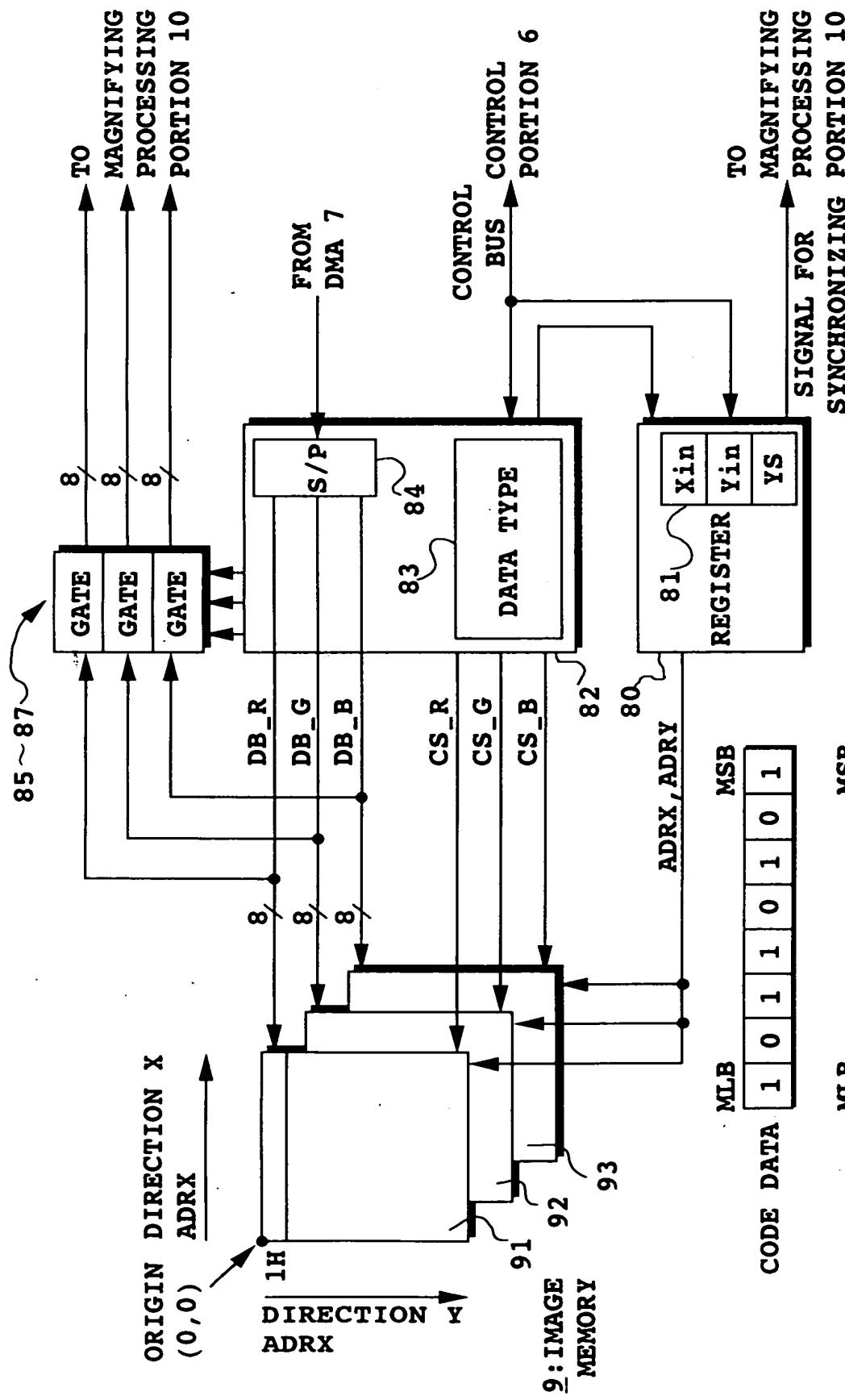


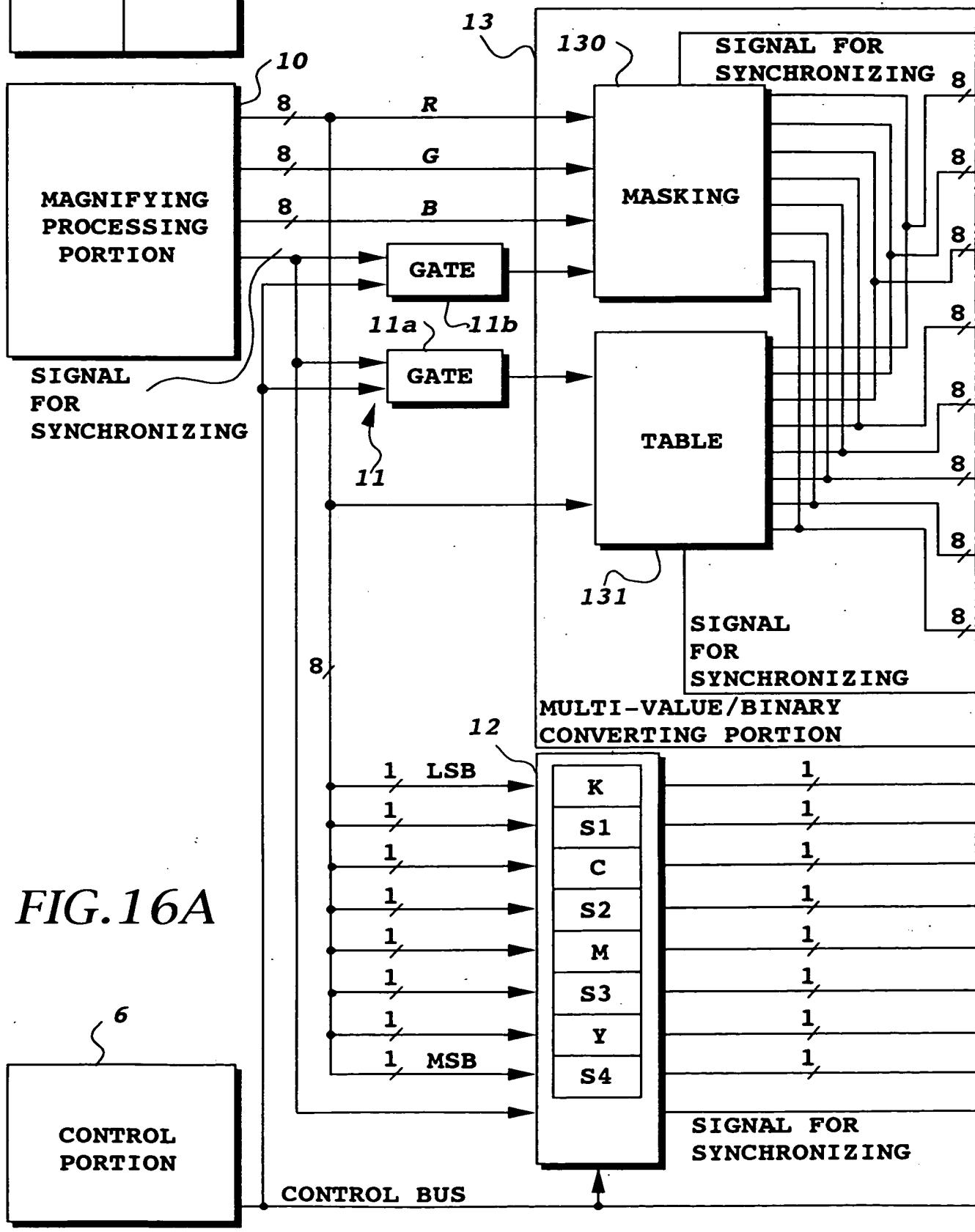
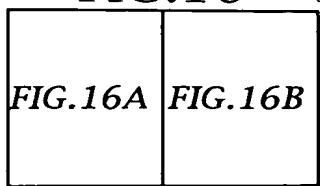
FIG. 15

## DATA CONSTRUCTION OF ONE PIXEL

COLOR OF INK S4 Y S3 M S2 C S1 K

FIG. 16

17/21



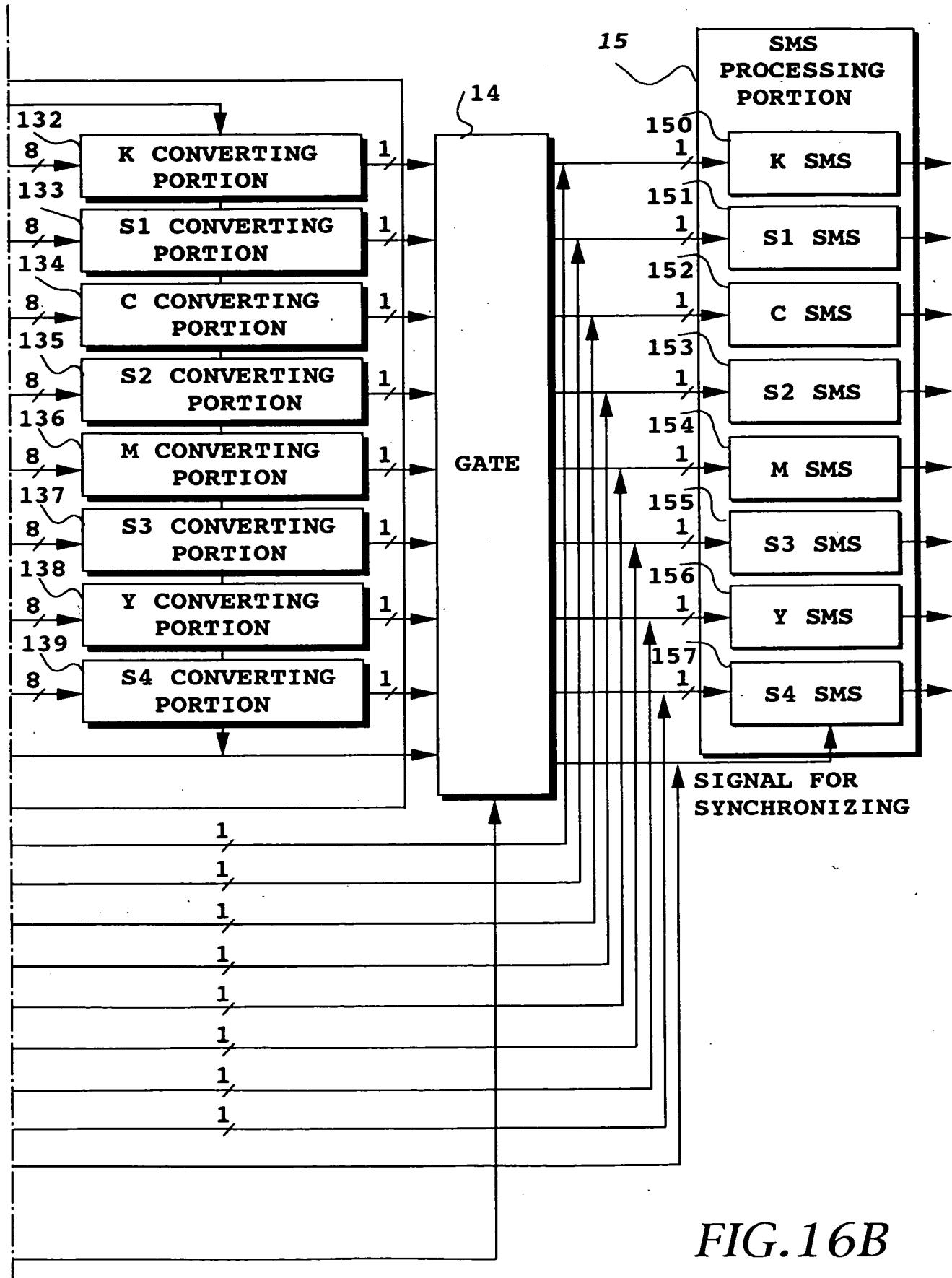


FIG. 16B

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

19/21

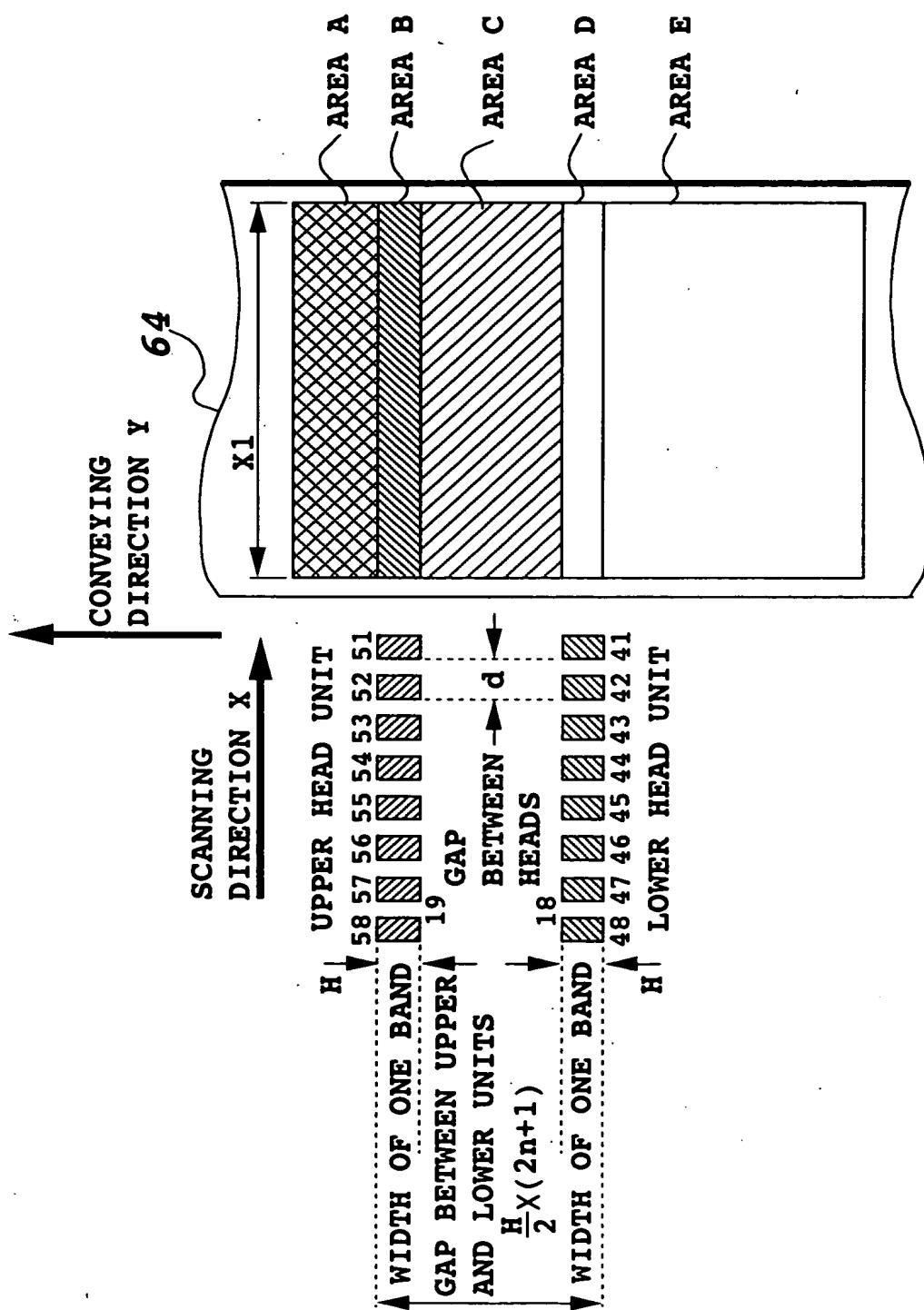
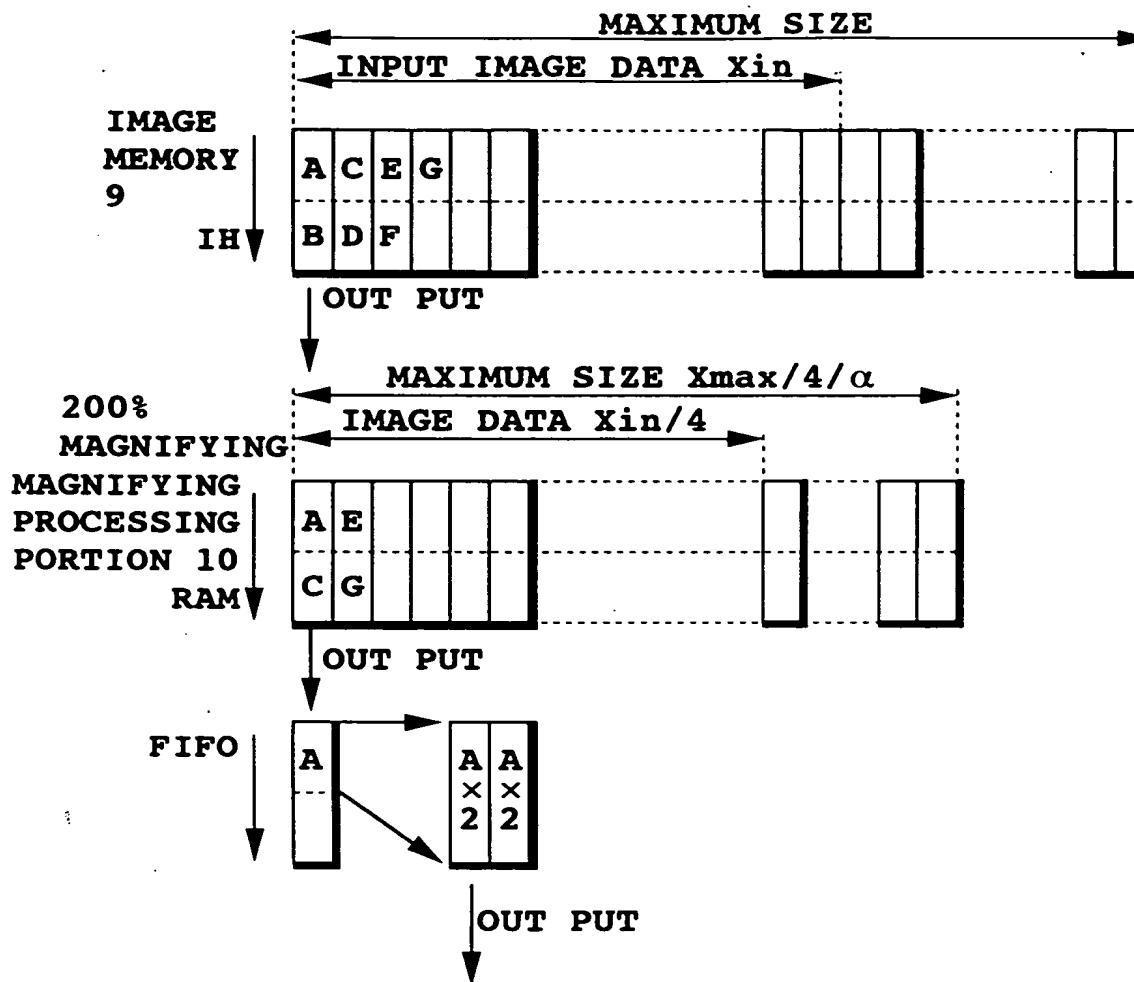


FIG.17

APPROVED BY DRAFTSMAN	O.G. FIG. CLASS	SUBCLASS
-----------------------------	--------------------	----------

20/21



EXAMPLE OF  
ORIGINAL IMAGE

11	12	13	14
21	22	23	24
31	32	33	34
41	42	43	44

200%  
MAGNIFYING  
PROCESSING

200% MAGNIFIED IMAGE

11	11	12	12	13	13	14	14
11	11	12	12	13	13	14	14
21	21	22	22	23	23	24	24
21	21	22	22	23	23	24	24
31	31	32	32	33	33	34	34
31	31	32	32	33	33	34	34
41	41	42	42	43	43	44	44
41	41	42	42	43	43	44	44

FIG.18

APPROVED BY DRAFTSMAN	O.G. FIG. CLASS	SUBCLASS
-----------------------------	--------------------	----------

21/21

**IMAGE FORMAT**

— **INFORMATION FOR PRINTING PROCESSING**

- **USER**
- **PRINT SIZE**
- **MAGNIFYING RATE BY HARDWARE**
- **PRINTING MODE**

— **RESOLUTION OF PRINTER**

— **INFORMATION FOR IMAGE MAGNIFYING PROCESSING**

- **IMAGE FILE NAME**
- **SIZE**
- **DATA CONSTRUCTION**
- **LINEAR MAGNIFYING RATE**
- **IMAGE DATA**

— **RESOLUTION OF IMAGE**

— **INFORMATION FOR CHARACTER**

— **INFORMATION FOR LAY-OUT**

- **NUMBER OF CHARACTER BLOCK**
- **POSITION OF CHARACTER BLOCK**
- **INFORMATION FOR CHARACTER BLOCK 1**

— **INFORMATION FOR FONT (SHAPE, SIZE)**

— **COLOR INFORMATION**

— **DISPOSITION IN BLOCK**

— **INFORMATION FOR  
CHARACTER BLOCK 2**

— **COLOR OF  
CHARACTER**

— **COLOR OF  
BACK GROUND**

— **TRANSPARENCY  
OF CHARACTER**

— **PROCESSING  
FOR OUTLINE**

**FIG.19**